## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| Inventor(s):  | Jianbo He et al.   |                                    | Examiner:  |  |
|---|--|------------------------------------|--|--|
| Serial No.:   |  |                                    | Group Art Unit:  |  |
| Filed:  | September 8, 2003  |                                    | Docket No.:  | STL11330   |
| Title:  | Peak To Peak D   | etect Method T                     | o Protect Seek/Settle Induc  | ed Encroachment                                  |
|   |  |                                    |  |  |
|   | tent Application<br>er For Patents   |                                    |  |  |
| PO Box 1450   | er rorratems   |                                    |  |  |
|   | VA 22313-1450  |                                    |  |  |
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|   | <u>INFORM</u>  | ATION DISCLO                       | OSURE STATEMENT  |  |
|   |  |                                    |  |  |
| Section 1.  | Forms PTO/SB/08A and   | d 08B (substitut                   | e for Form PTO-1449)   |  |
|   | Form PTO/SB/08A is a   | attached hereto.                   |  |  |
| Section 2. Copies of Listed Information Items Accompanying This Statement |  |                                    | ent  |  |
|   | Legible copies of all ite<br>Disclosure Statement.   | ms listed in For                   | m PTO/SB/08A accompan  | y this Information                               |
| Section 3.  | Remarks or Additional Statements   |                                    |  |  |
| $\boxtimes$   | This Information Disclosure Statement is being filed along with a new patent application.  |                                    |  |  |
|   | This Information Disclosure Statement is being filed <i>within</i> three months of the filing date of the application or date of entry into the national stage of an international application or <i>before</i> the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. 1.97(b). |                                    |  |  |
|   | of the filing date of this set forth in Section 1.4  | s national appl<br>91 in an intern | sclosure Statement is being<br>icațion or the date of entry<br>ational application or after<br>ichever event occurred last | of the national Stage as the mailing date of the |

date of either:

|        |          | under §1.11<br>simultaneou | 97(d) This Information Disclosure Statement is being filed <i>after</i> a final action 3, or a notice of allowance under §1.113, whichever occurs first, but before, or sly with, the payment of the issue fee. A fee under 37 C.F.R. §1.17(p) is required <u>and</u> either of the statements below (37 C.F.R. §1.97(e)).   |
|--------|----------|----------------------------|--|
|        |          |                            | 197(e) Choose either Statement: Each item of information contained in the IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing; or No item of information contained in the IDS was cited in a communication from a foreign patent office in the counterpart foreign application, and to my knowledge no item of information contained in the IDS was known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this IDS. |
| Consid | leration | of the listed it           | ems is respectfully requested.   |
|        |          |                            | Respectfully submitted,  |
|        |          |                            | SEAGATE TECHNOLOGY LLC   |
|        |          |                            | (Assignee of Entire Interest)  |
| Date   | 9/6      | ·103                       | David K. Lucente, Reg. No. 36,202 SEAGATE TECHNOLOGY LLC Intellectual Property Dept. – COL2LGL 389 Disc Drive Longmont, CO 80503-0001 (720) 684 - 2295 (telephone) (720) 684 - 2588 (facsimile)  |

| Subs                   | stitute for form 1449A/PTO |         |        | Complete if Known      |            |  |
|------------------------|----------------------------|---------|--------|------------------------|------------|--|
|                        |                            |         |        | Application Number     |            |  |
| IN                     | IFORMATION DISC            | CLO     | SURE   | Filing Date            | 09/08/2003 |  |
| STATEMENT BY APPLICANT |                            |         |        | First Named Inventor   | Jianbo He  |  |
| ·                      | MILMENT OT A               |         | OAIT I | Art Unit               |            |  |
|                        | (Use as many sheets as nec | essarvi |        | Examiner Name          |            |  |
| Sheet                  | 1                          | of      | 1      | Attorney Docket Number | STL11330   |  |

|                       |                          |   |    | U. S. PATENT                   | DOCUMENTS  |   |
|-----------------------|--------------------------|---|----|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Num  Number-Kind Code <sup>2</sup> |    | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       | AA                       | <sup>US-</sup> 4,135,217                    |    | 01/16/1979                     | Jacques et al.                                     | <u> </u>  |
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| FOREIGN PATENT DOCUMENTS |                          |  |                             |  |   |                |  |  |
|--------------------------|--------------------------|--|-----------------------------|--|---|----------------|--|--|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) | Publication Date MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |  |  |
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| Examiner                                | Date       |   |
|---|------------|---|
| Signature                               | Considered |   |
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional), See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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